

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052120\
 Data File : BN010731.D
 Acq On : 21 May 2020 16:21
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 21 16:56:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 16:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3142	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12304	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7455	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	15459	0.40	ng	0.00
27) Chrysene-d12	21.15	240	12584	0.40	ng	0.00
34) Perylene-d12	23.32	264	11783	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2451	0.40	ng	0.00
5) Phenol-d6	6.77	99	2925	0.39	ng	0.00
8) Nitrobenzene-d5	8.71	82	3303	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7805	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	948	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	10849	0.40	ng	0.00
25) Fluoranthene-d10	18.98	212	16141	0.38	ng	0.00
29) Terphenyl-d14	19.60	244	12054	0.40	ng	0.00

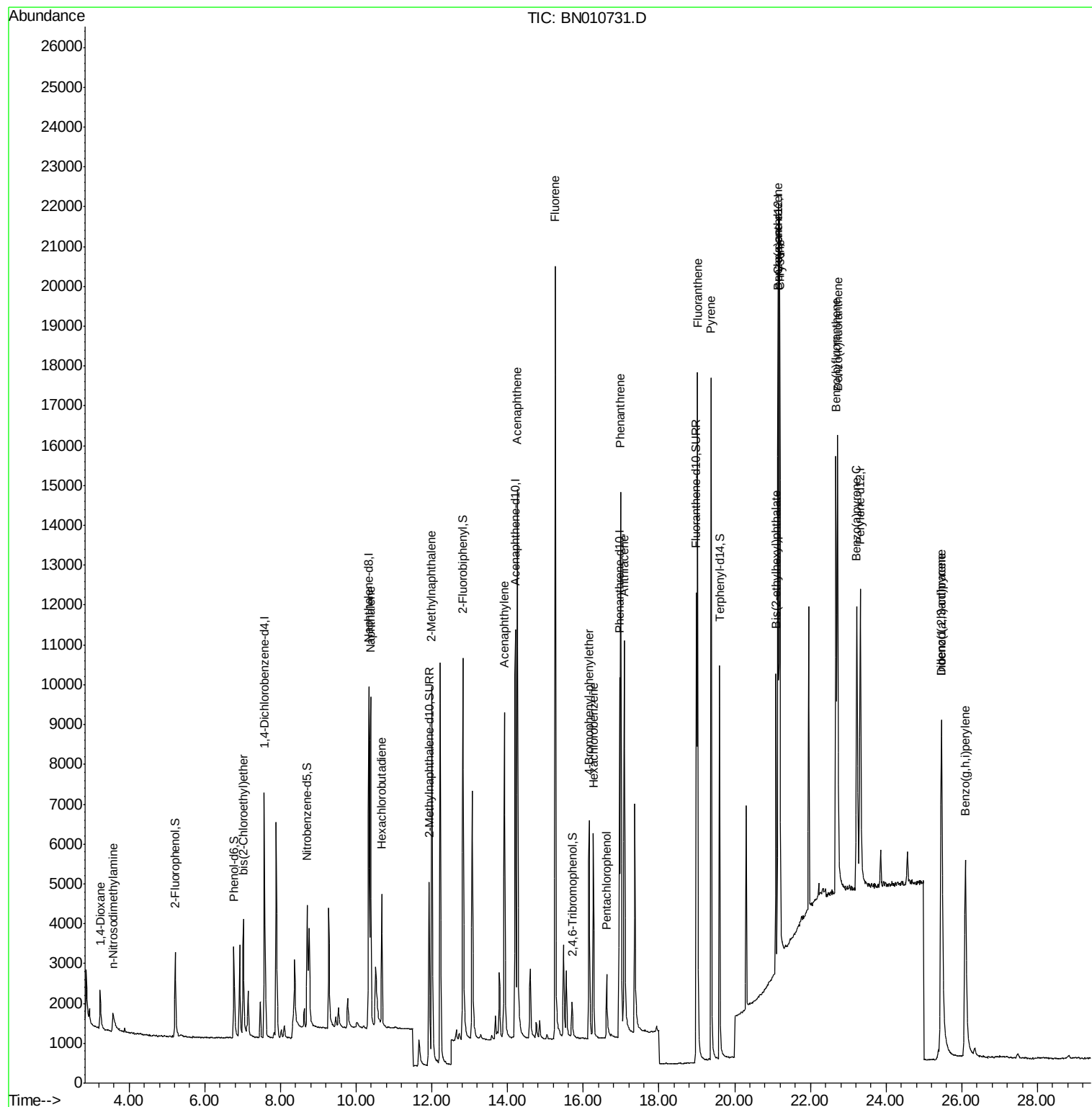
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1098	0.405	ng	99
3) n-Nitrosodimethylamine	3.58	42	598	0.383	ng	# 99
6) bis(2-Chloroethyl)ether	7.02	93	3013	0.389	ng	95
9) Naphthalene	10.38	128	12170	0.393	ng	100
10) Hexachlorobutadiene	10.67	225	2767	0.391	ng	# 99
12) 2-Methylnaphthalene	12.00	142	8535	0.391	ng	99
16) Acenaphthylene	13.91	152	11181	0.367	ng	100
17) Acenaphthene	14.26	154	8124	0.395	ng	99
18) Fluorene	15.26	166	10401	0.386	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3300	0.387	ng	91
21) Hexachlorobenzene	16.26	284	4077	0.401	ng	100
22) Pentachlorophenol	16.61	266	1272	0.404	ng	98
23) Phenanthrene	16.99	178	16138	0.389	ng	100
24) Anthracene	17.08	178	12893	0.370	ng	99
26) Fluoranthene	19.01	202	17996	0.382	ng	99
28) Pyrene	19.38	202	18051	0.400	ng	100
30) Benzo(a)anthracene	21.14	228	13981	0.381	ng	99
31) Chrysene	21.19	228	16836	0.405	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	6062	0.377	ng	98
33) Indeno(1,2,3-cd)pyrene	25.46	276	13727	0.371	ng	98
35) Benzo(b)fluoranthene	22.68	252	14845	0.381	ng	99
36) Benzo(k)fluoranthene	22.72	252	17241	0.411	ng	100
37) Benzo(a)pyrene	23.22	252	13079	0.388	ng	99
38) Dibenzo(a,h)anthracene	25.47	278	10614	0.369	ng	98
39) Benzo(g,h,i)perylene	26.10	276	12830	0.380	ng	100

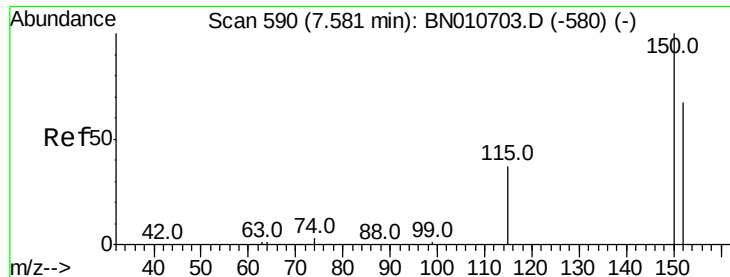
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052120\
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Quant Time: May 21 16:56:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
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QLast Update : Thu May 21 16:54:53 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

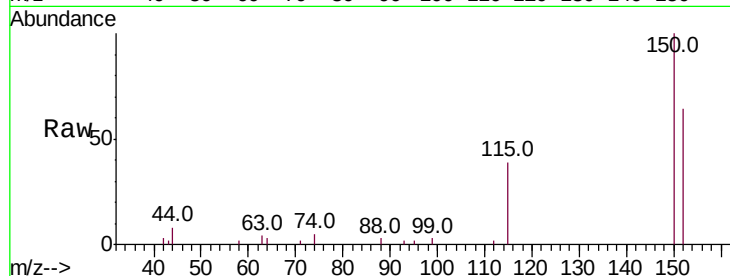
Tot Ion:152 Resp: 3142

Ion Ratio Lower Upper

152 100

150 156.1 119.4 179.0

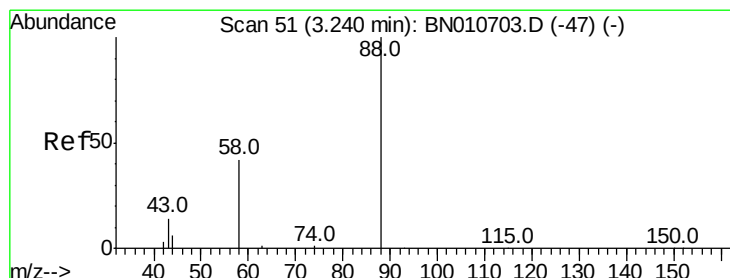
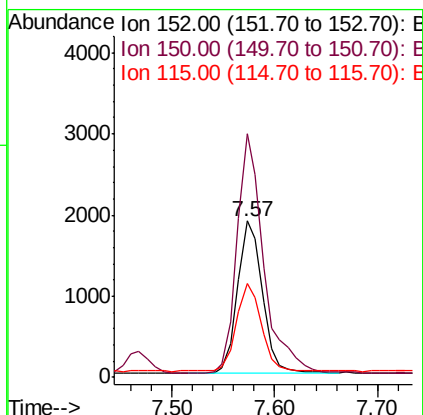
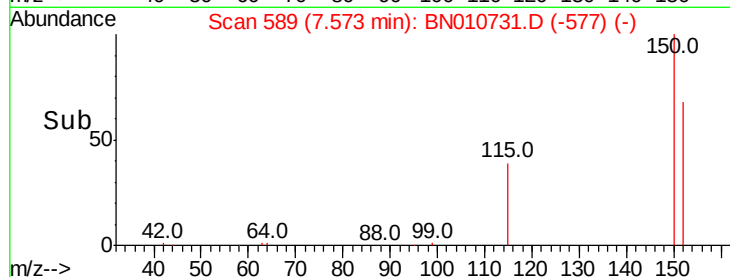
115 60.3 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.405 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

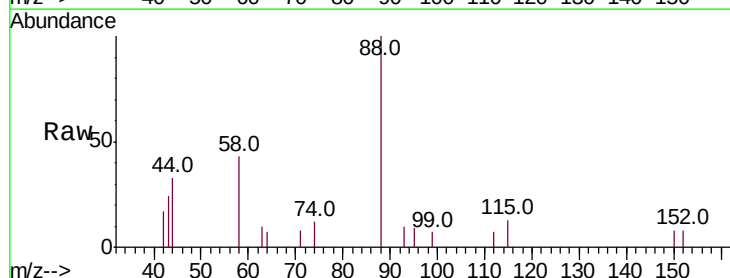
Tgt Ion: 88 Resp: 1098

Ion Ratio Lower Upper

88 100

58 50.0 39.0 58.6

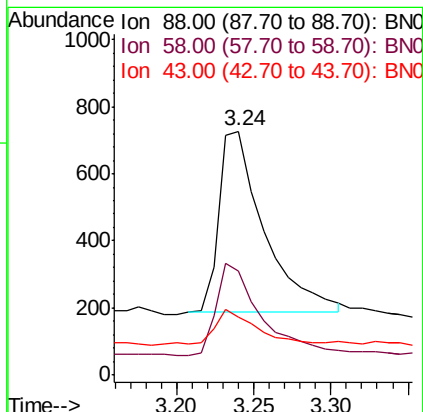
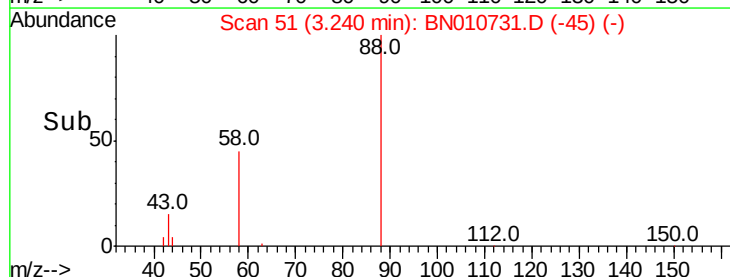
43 16.1 13.1 19.7

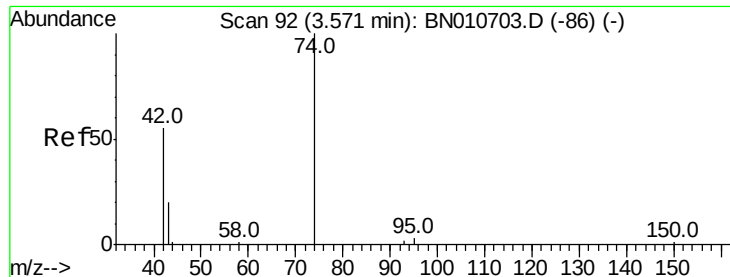


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



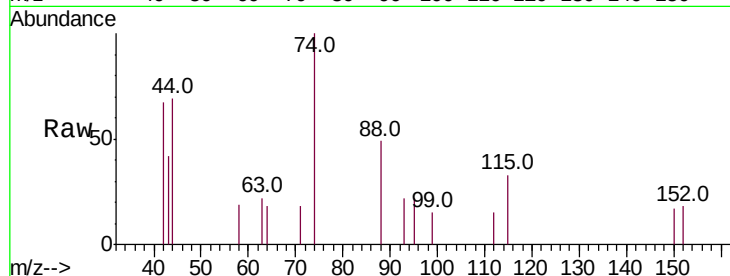


#3

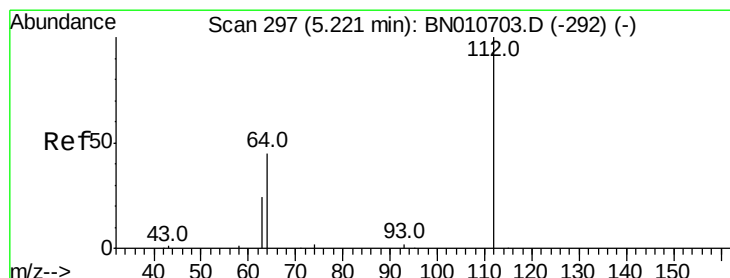
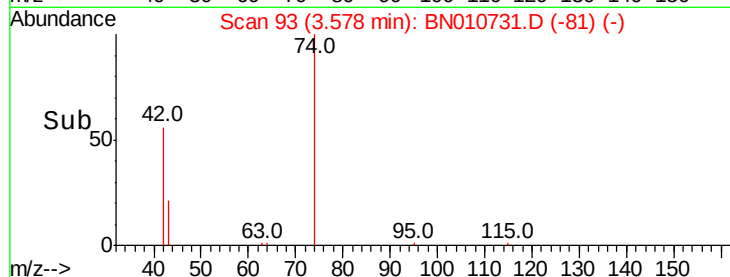
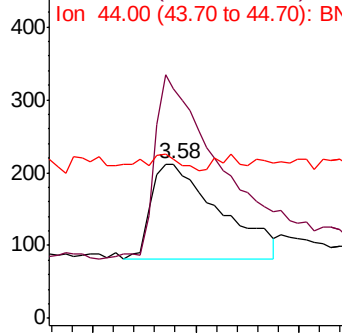
n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.58 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BN010731.D
 Acq: 21 May 2020 16:21

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 598
 Ion Ratio Lower Upper
 42 100
 74 183.4 146.2 219.2
 44 9.7 3.0 4.4#



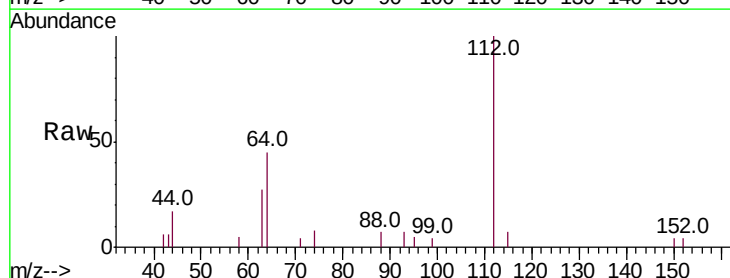
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



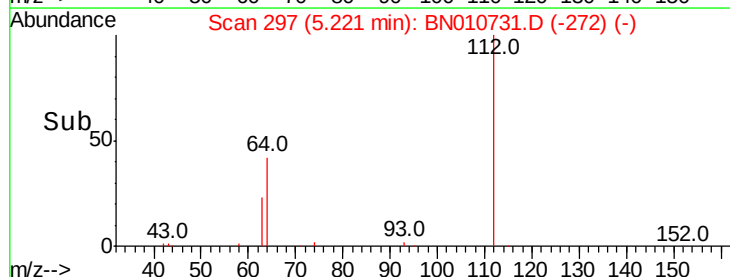
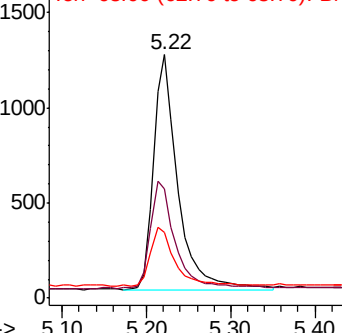
#4

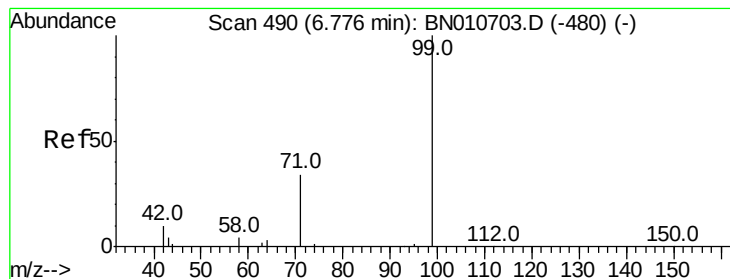
2-Fluorophenol
 Concen: 0.398 ng
 RT: 5.22 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BN010731.D
 Acq: 21 May 2020 16:21

Tgt Ion: 112 Resp: 2451
 Ion Ratio Lower Upper
 112 100
 64 47.0 36.2 54.4
 63 25.4 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

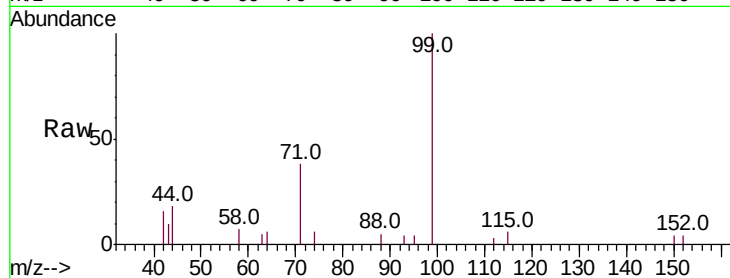
Tot Ion: 99 Resp: 2925

Ion Ratio Lower Upper

99 100

42 12.9 9.8 14.8

71 36.8 28.6 42.8

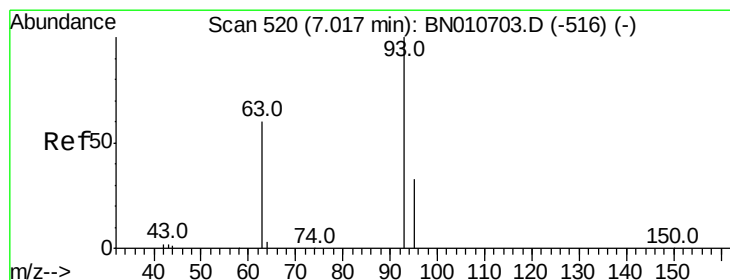
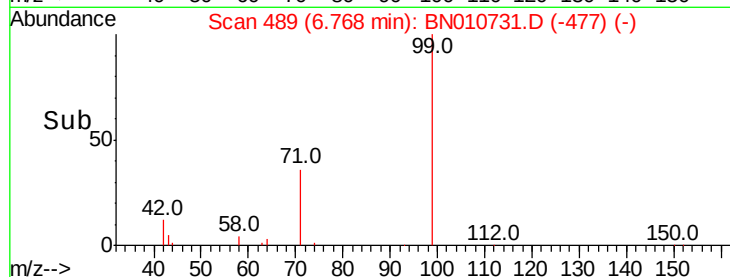
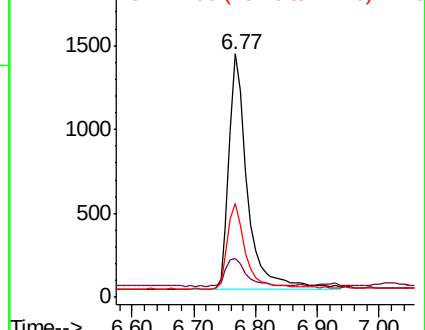


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

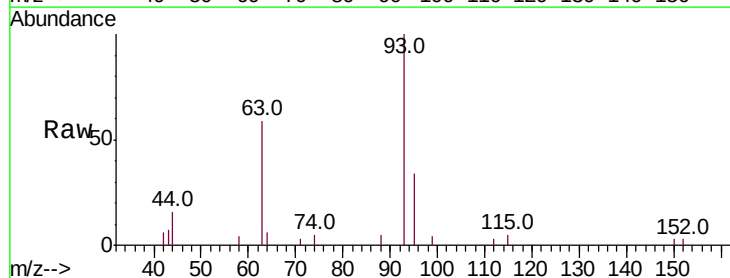
Tgt Ion: 93 Resp: 3013

Ion Ratio Lower Upper

93 100

63 57.7 43.1 64.7

95 33.1 24.6 37.0

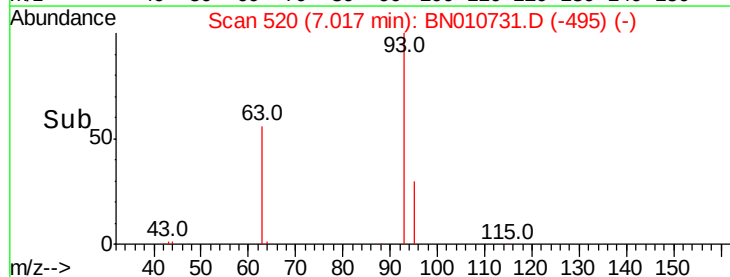
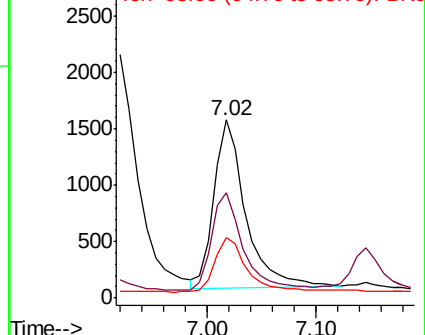


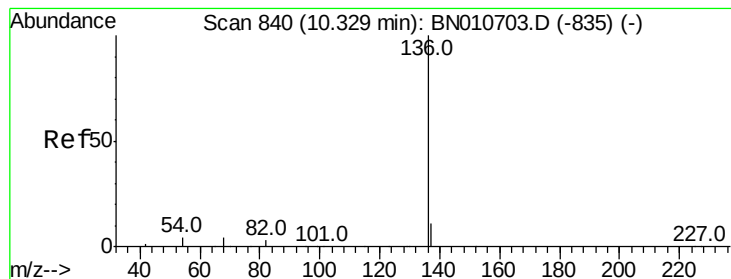
Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12304

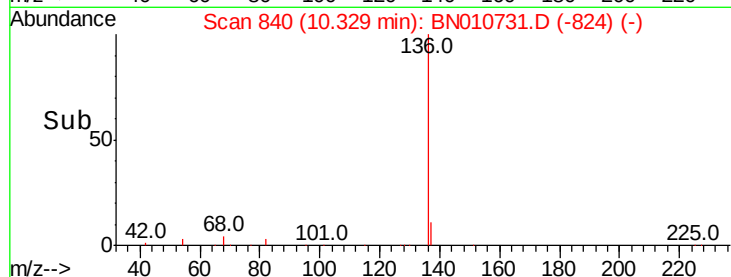
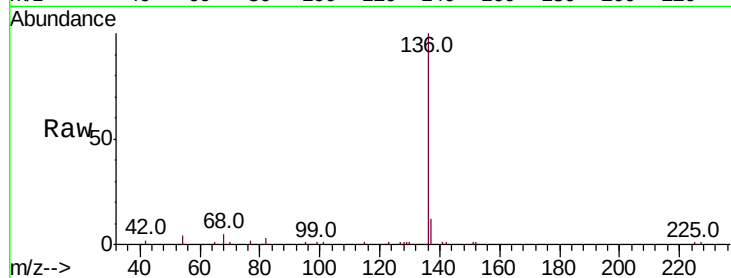
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.8 3.6 5.4

68 4.5 4.1 6.1

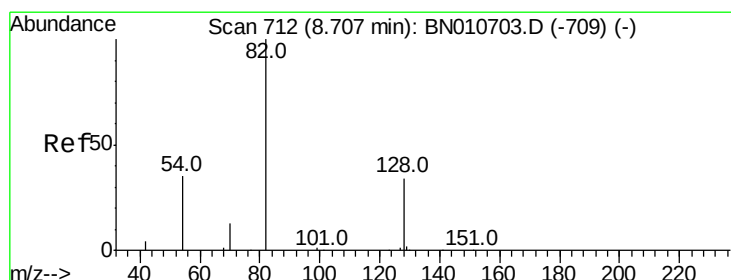
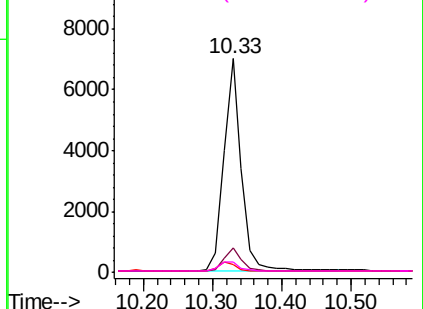


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

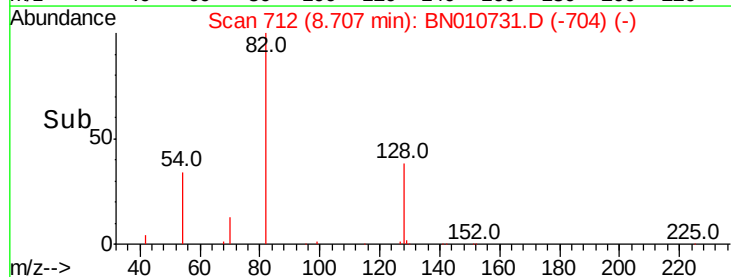
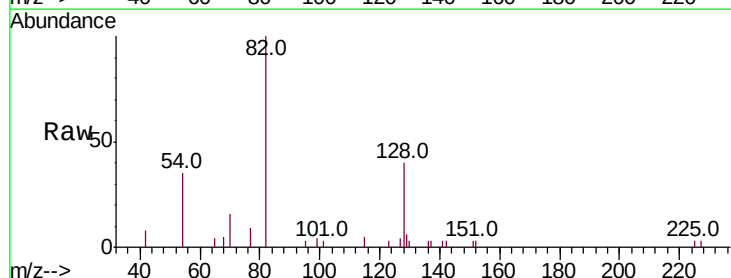
Tgt Ion: 82 Resp: 3303

Ion Ratio Lower Upper

82 100

128 39.7 29.0 43.4

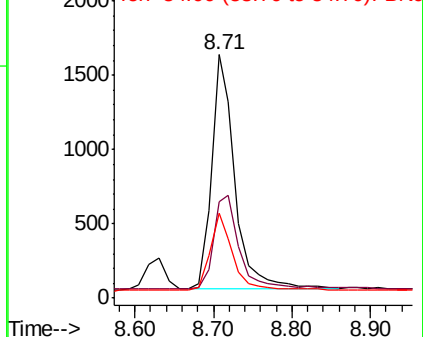
54 35.0 29.3 43.9

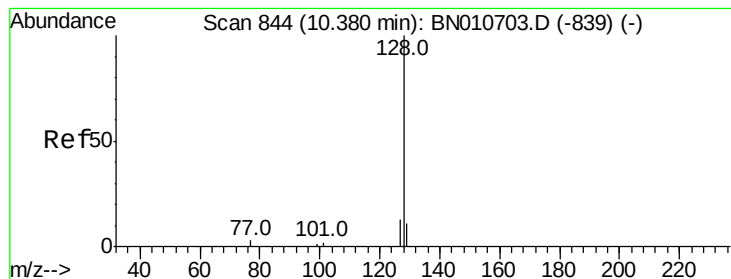


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.393 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

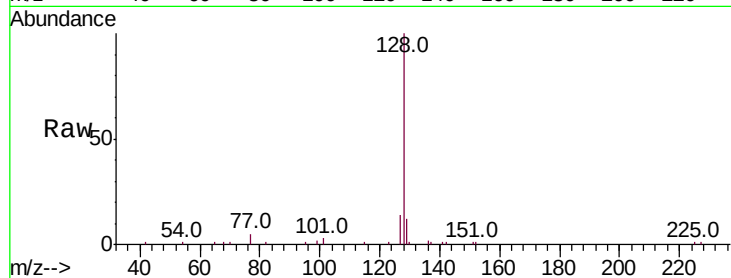
Tot Ion:128 Resp: 12170

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

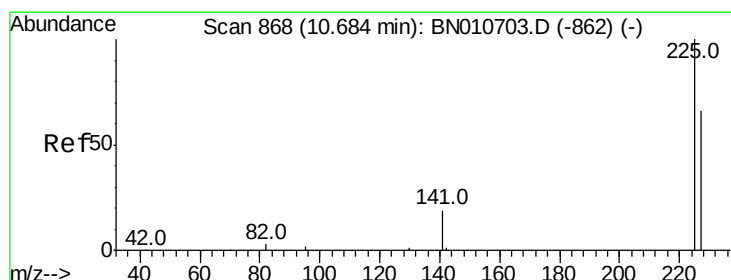
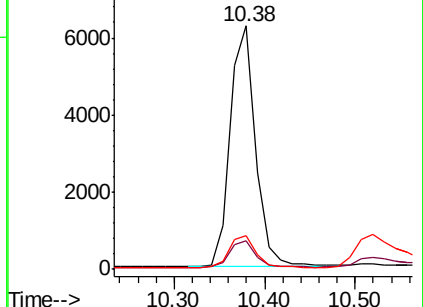
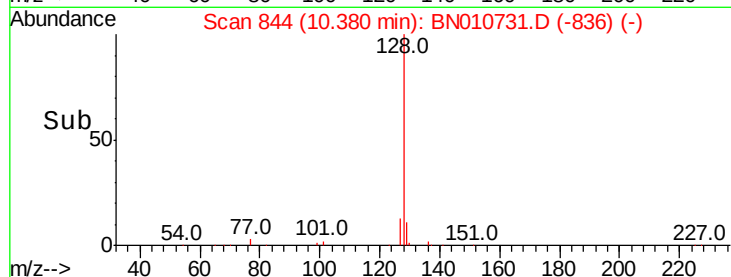
127 13.9 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.391 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

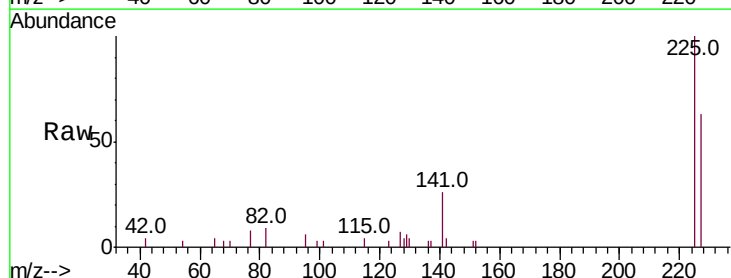
Tgt Ion:225 Resp: 2767

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

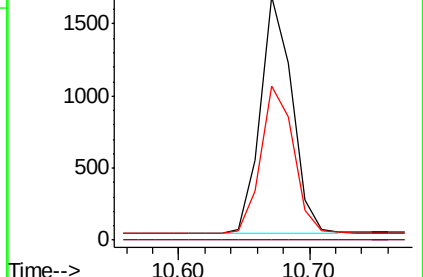
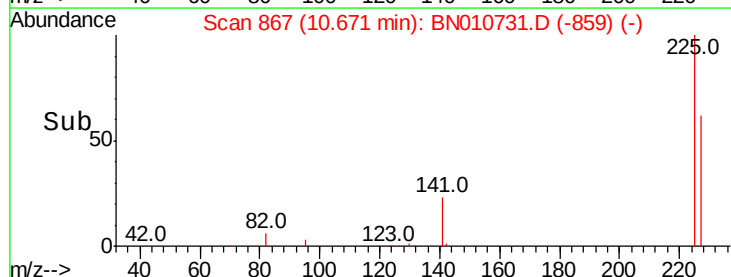
227 64.5 50.7 76.1

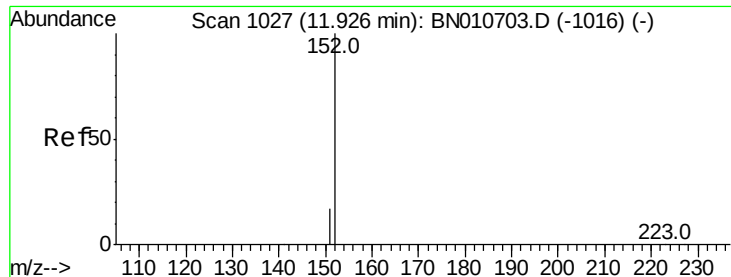


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

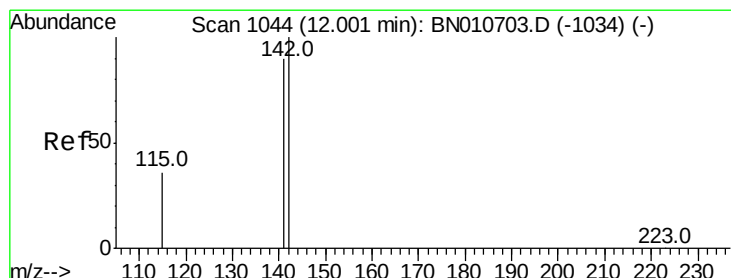
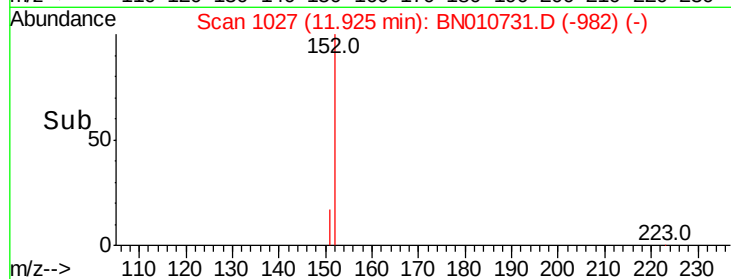
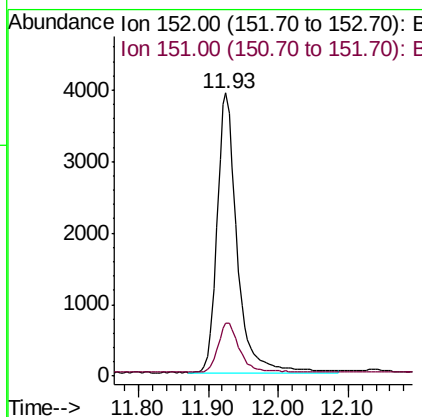
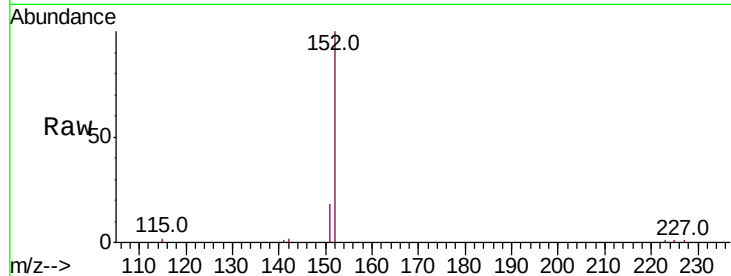




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

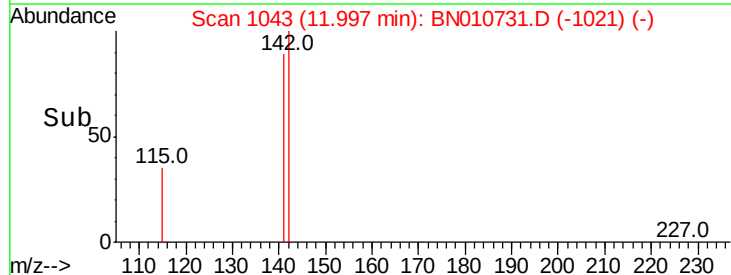
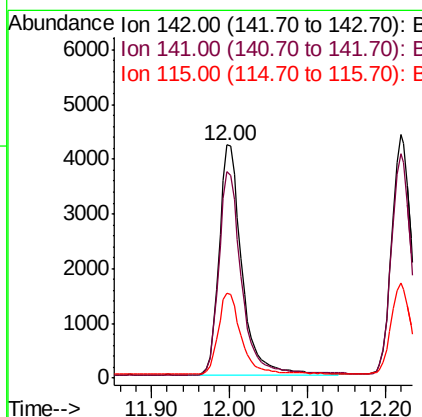
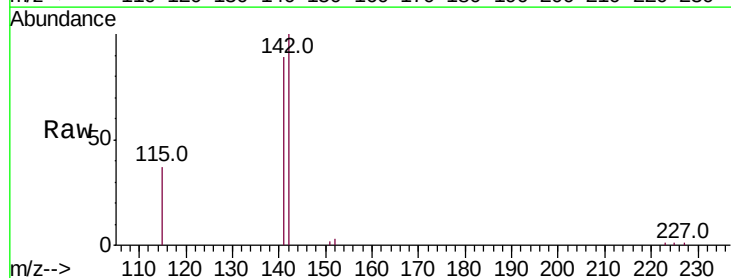
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

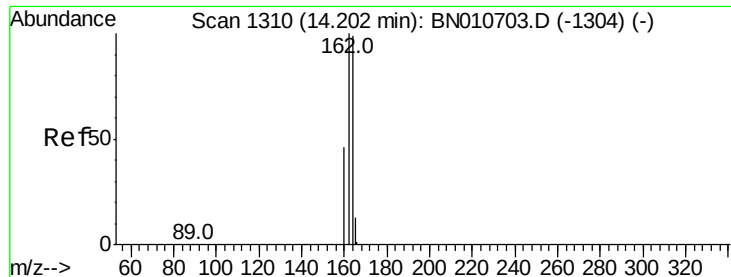
Tot Ion:152 Resp: 7805
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

Tgt Ion:142 Resp: 8535
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5
115 36.6 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

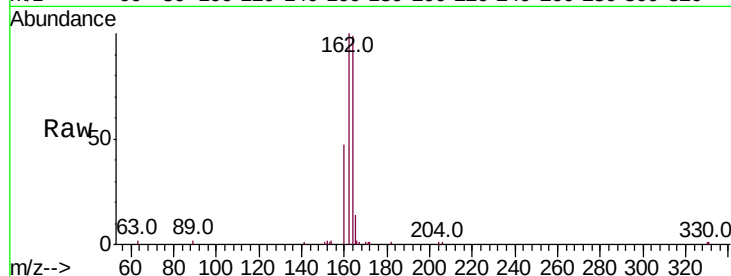
Tot Ion:164 Resp: 7455

Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

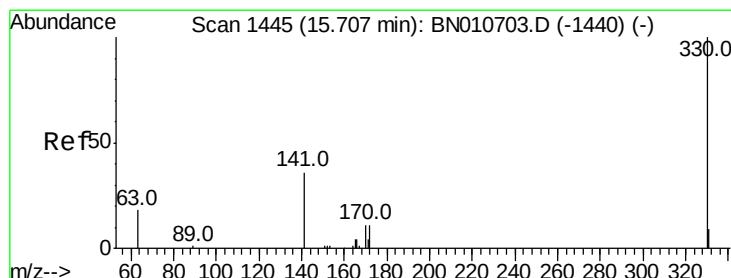
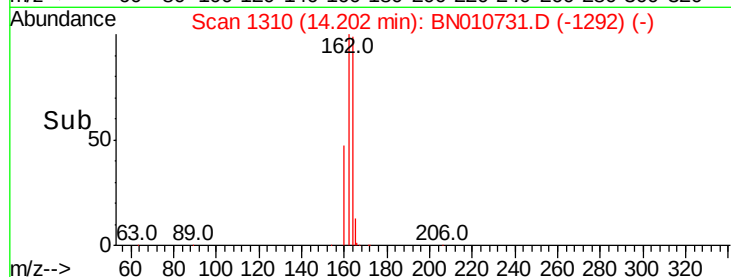
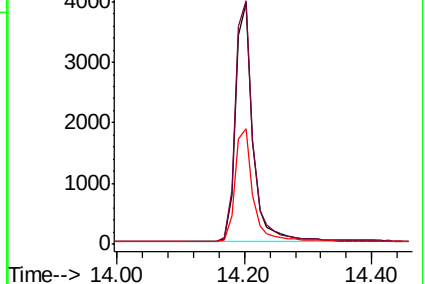
160 48.0 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.351 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

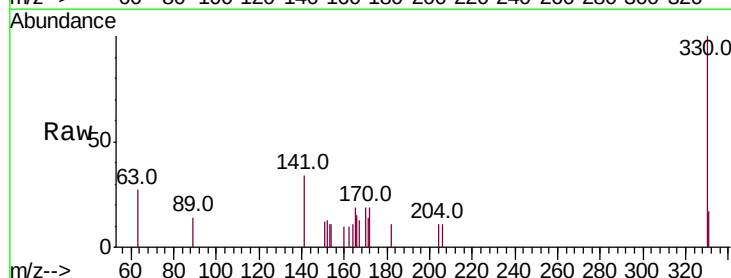
Tgt Ion:330 Resp: 948

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

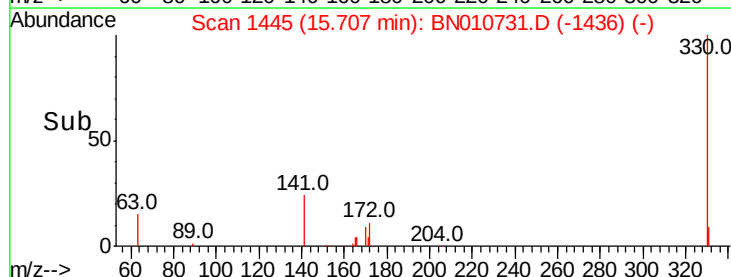
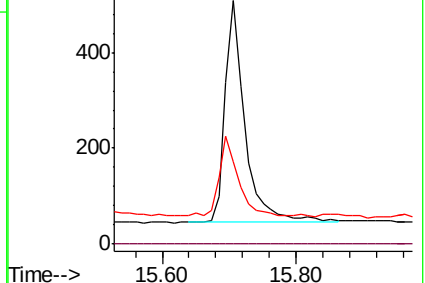
141 34.9 28.8 43.2

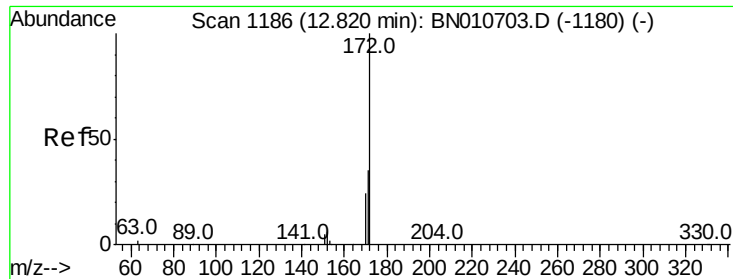


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

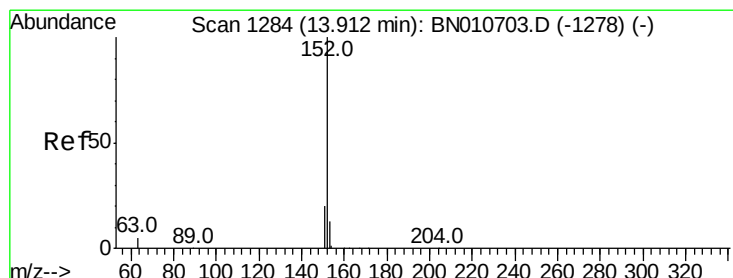
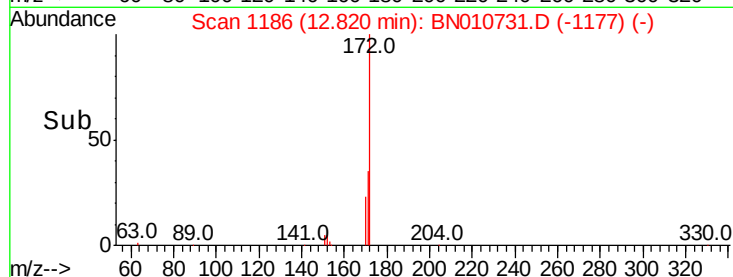
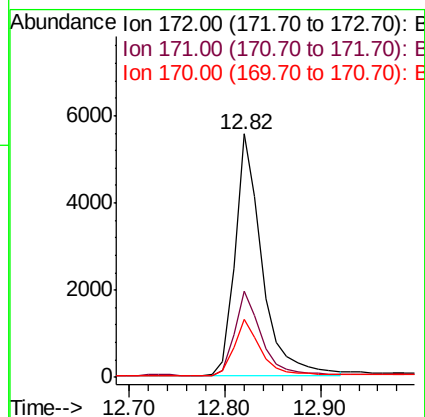
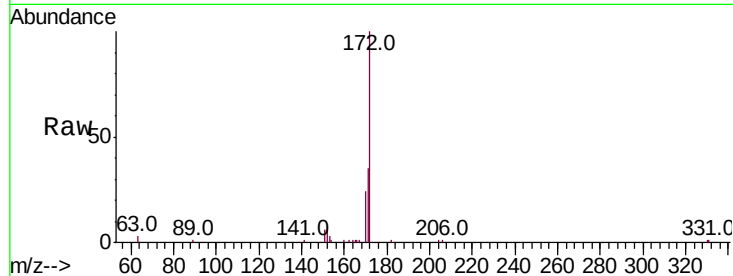




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

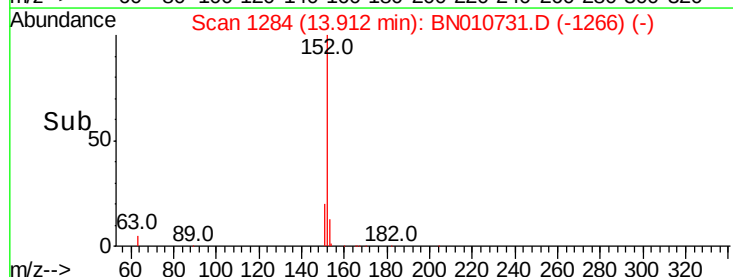
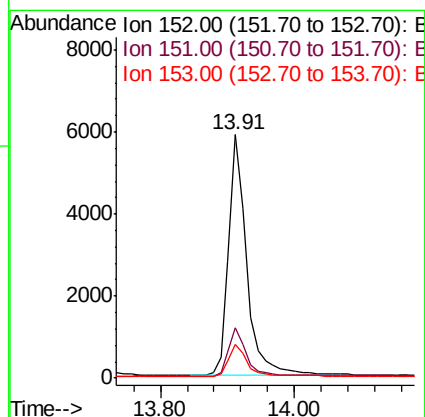
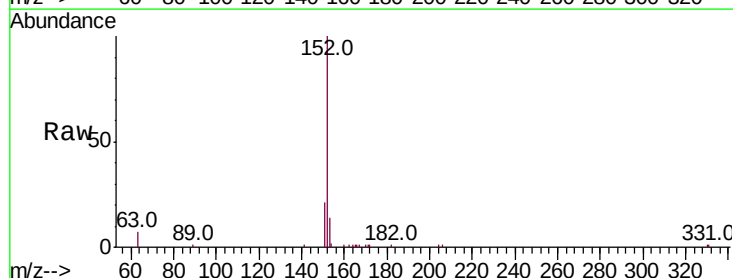
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

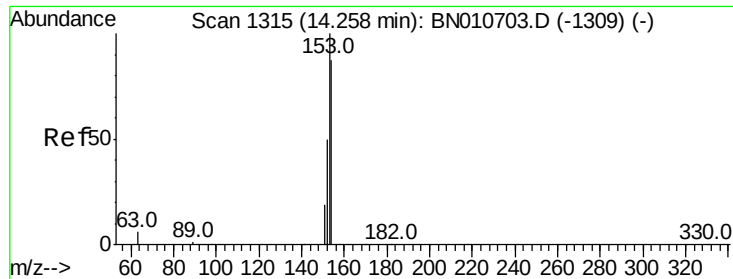
Tot Ion:172 Resp: 10849
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.9 19.8 29.8



#16
Acenaphthylene
Concen: 0.367 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

Tgt Ion:152 Resp: 11181
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

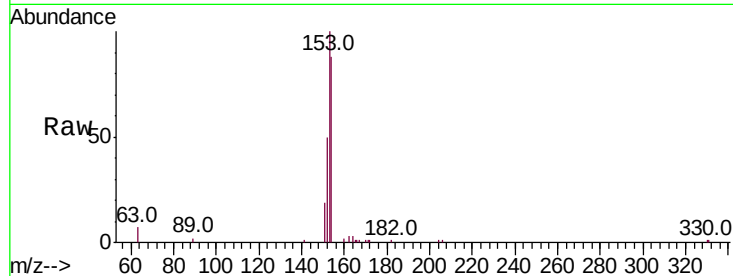
Tot Ion:154 Resp: 8124

Ion Ratio Lower Upper

154 100

153 113.8 91.5 137.3

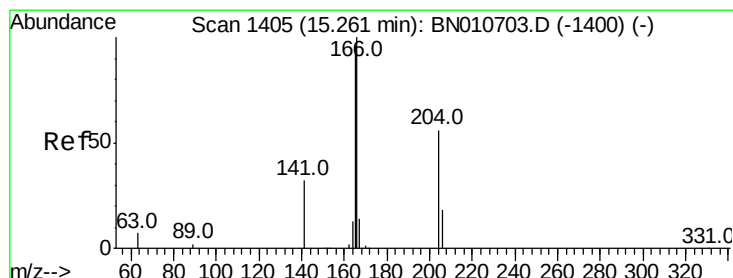
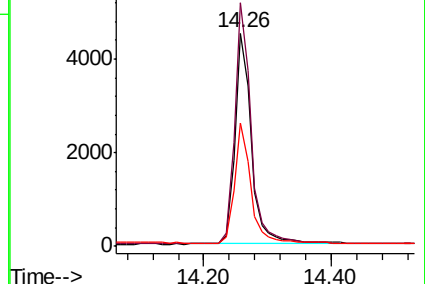
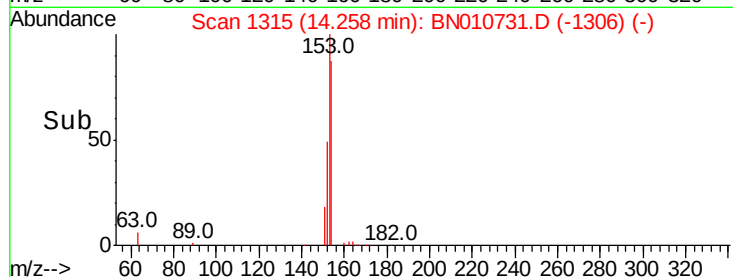
152 56.3 45.6 68.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.386 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

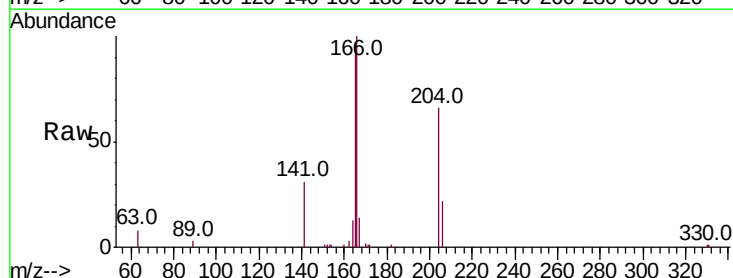
Tgt Ion:166 Resp: 10401

Ion Ratio Lower Upper

166 100

165 98.1 77.9 116.9

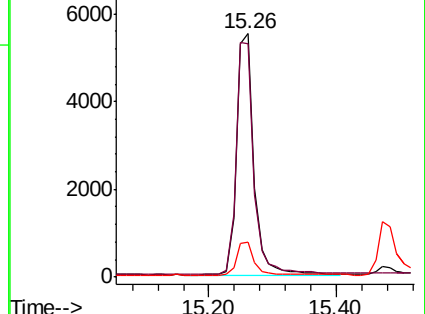
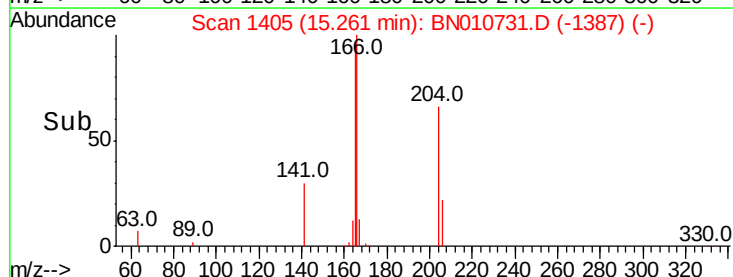
167 13.5 11.0 16.4

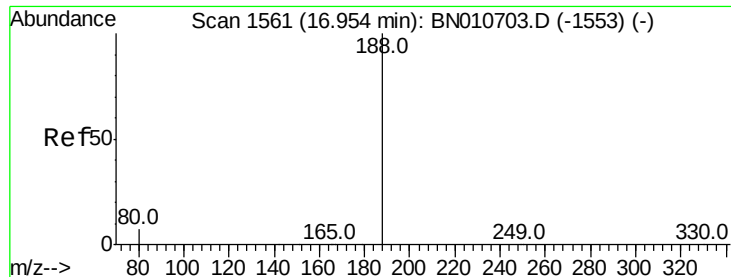


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

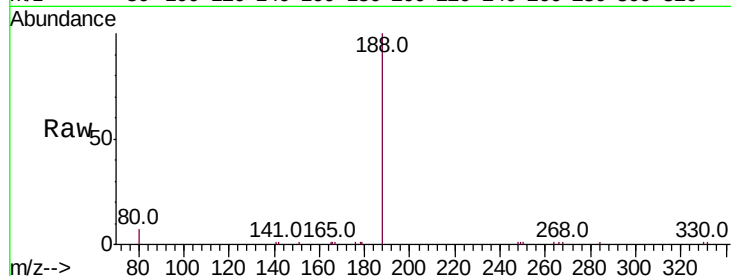
Tot Ion:188 Resp: 15459

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

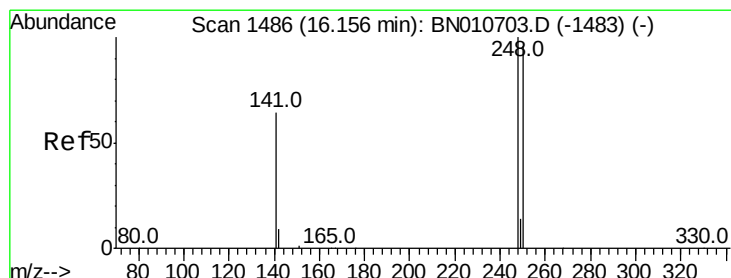
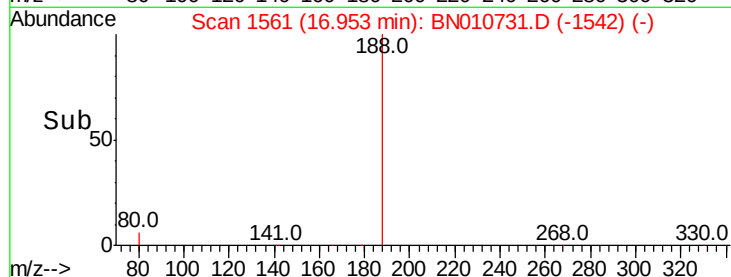
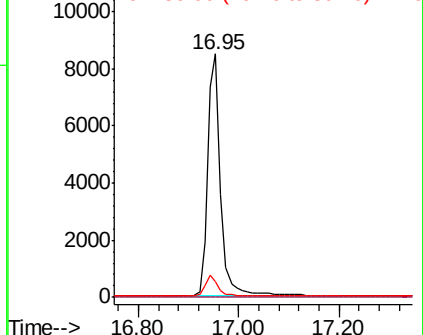
80 6.6 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.387 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

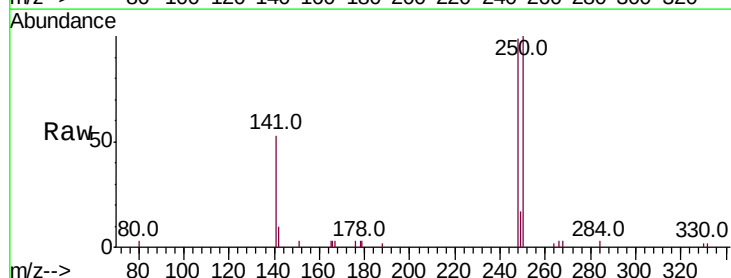
Tgt Ion:248 Resp: 3300

Ion Ratio Lower Upper

248 100

250 100.8 77.4 116.0

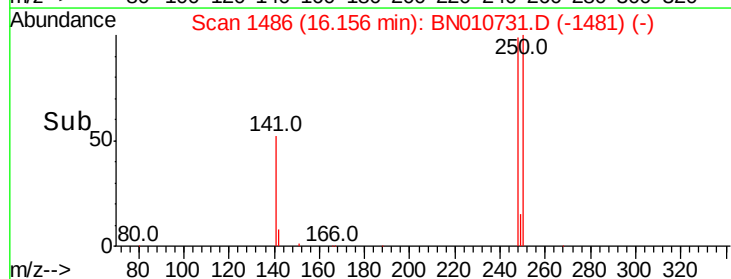
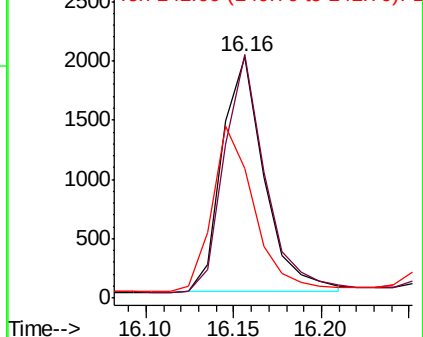
141 53.9 53.1 79.7

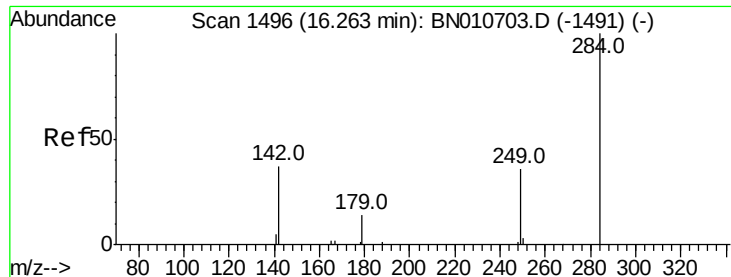


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 16.26 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

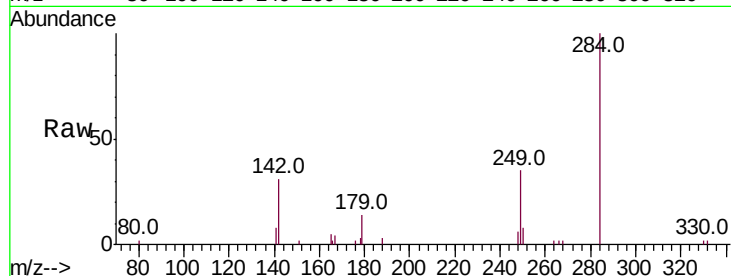
Tot Ion:284 Resp: 4077

Ion Ratio Lower Upper

284 100

142 35.4 28.2 42.2

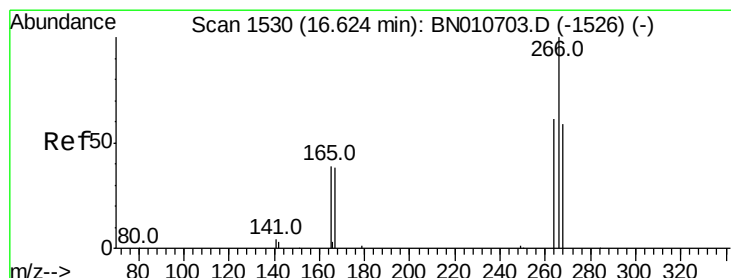
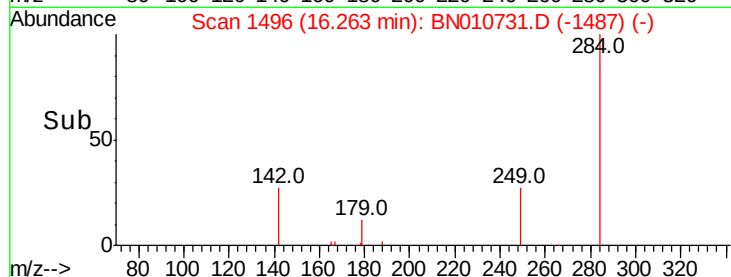
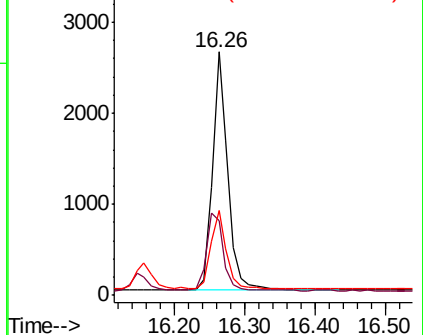
249 32.7 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.404 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

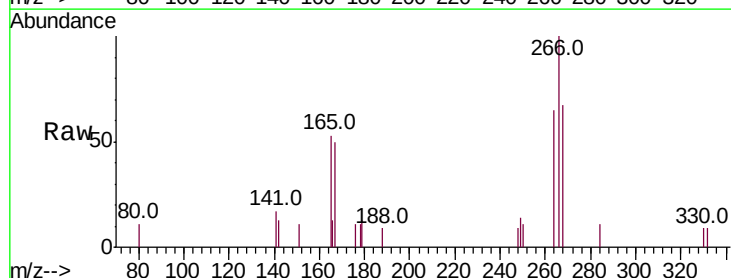
Tgt Ion:266 Resp: 1272

Ion Ratio Lower Upper

266 100

264 64.9 51.1 76.7

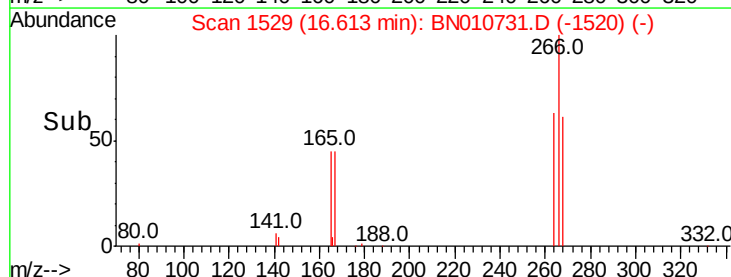
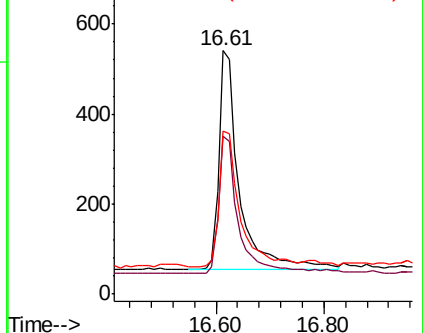
268 66.9 52.1 78.1

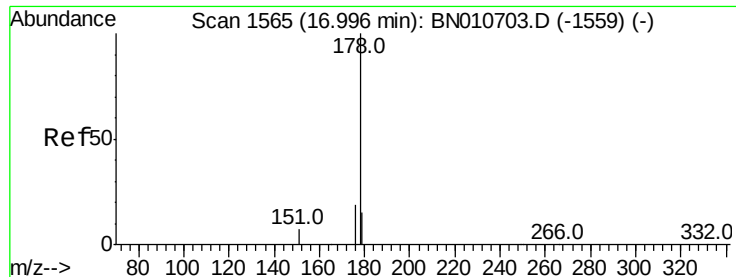


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.389 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

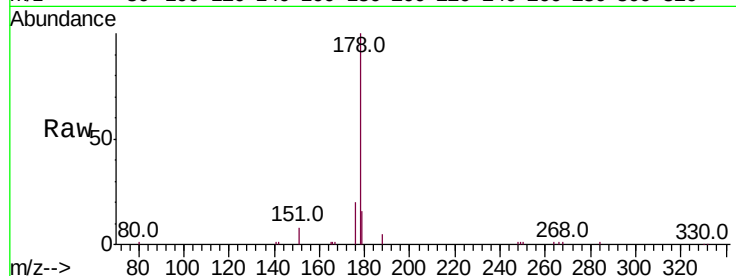
Tot Ion:178 Resp: 16138

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

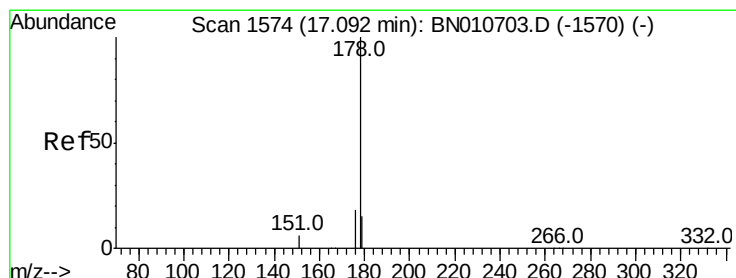
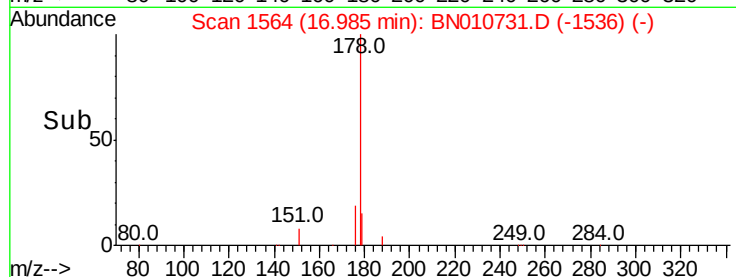
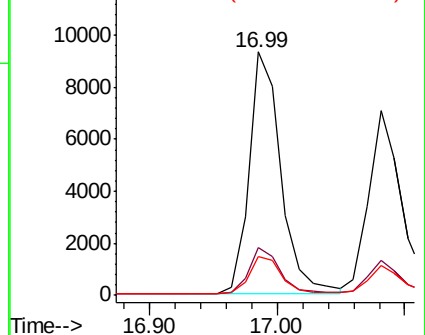
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.370 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

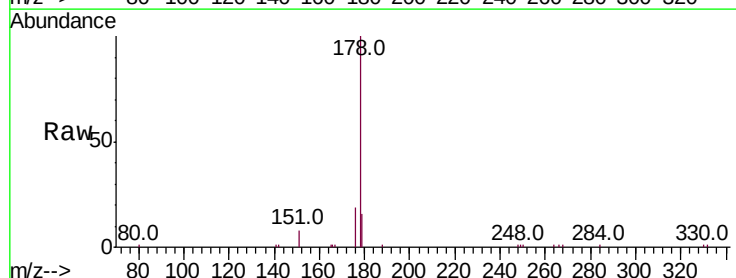
Tgt Ion:178 Resp: 12893

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

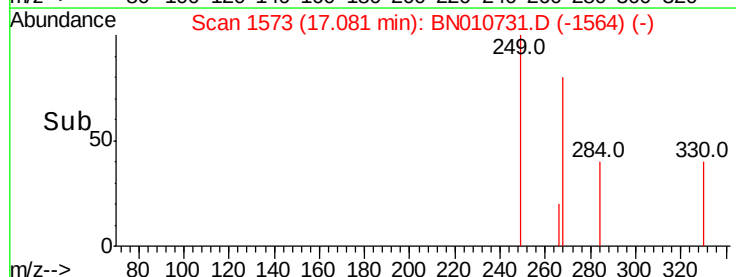
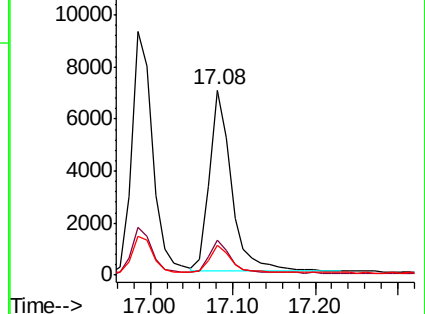
179 15.2 12.3 18.5

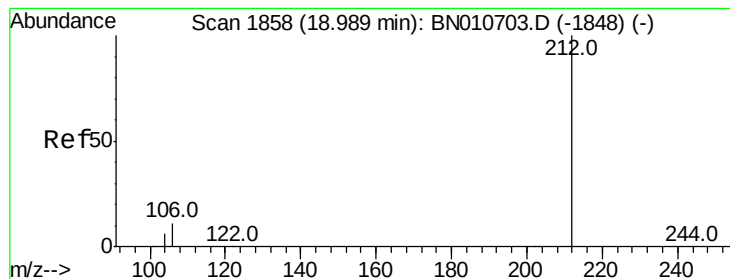


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 18.98 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

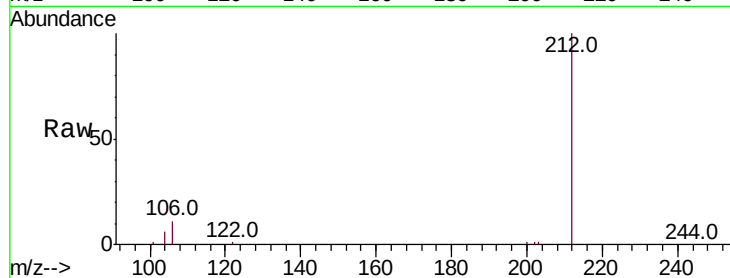
Tot Ion:212 Resp: 16141

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

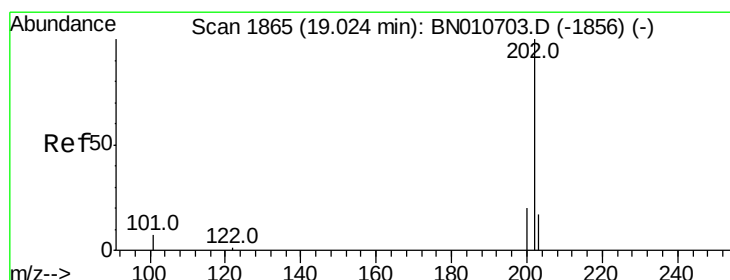
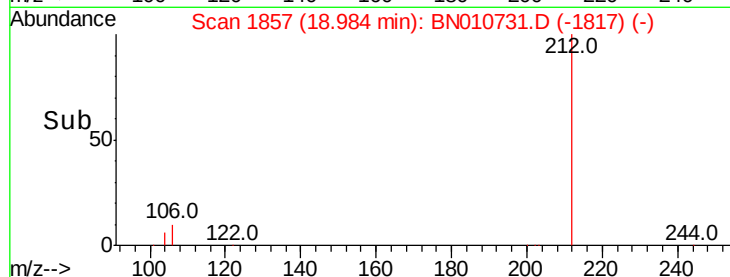
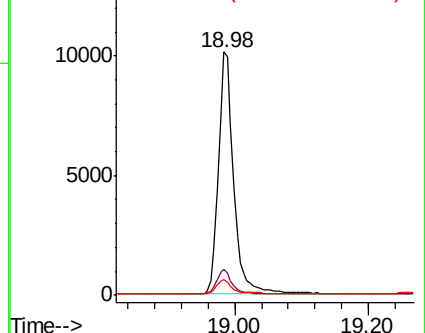
104 5.9 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.382 ng

RT: 19.01 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

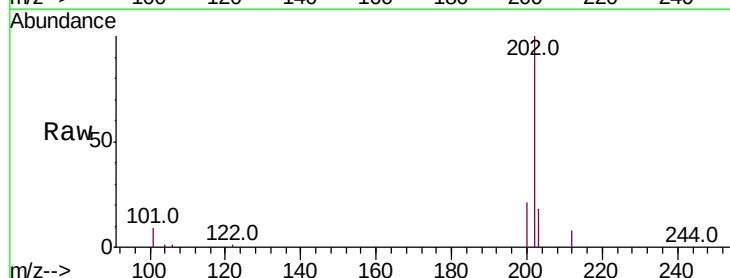
Tgt Ion:202 Resp: 17996

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

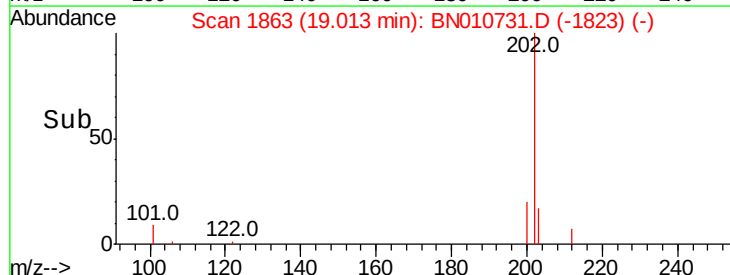
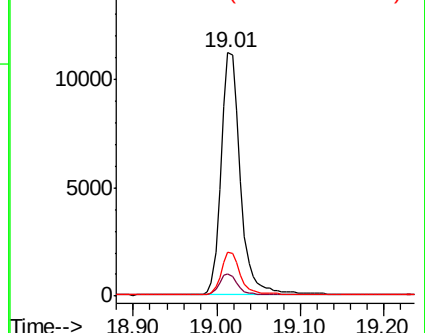
203 17.1 13.4 20.0

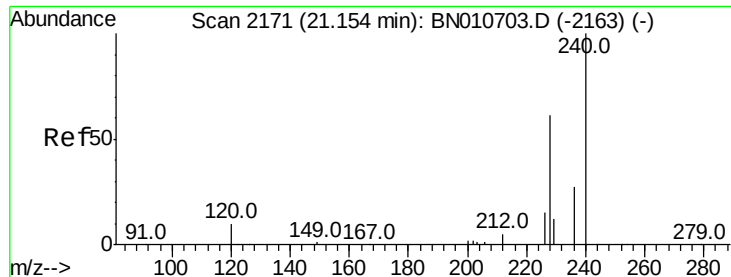


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

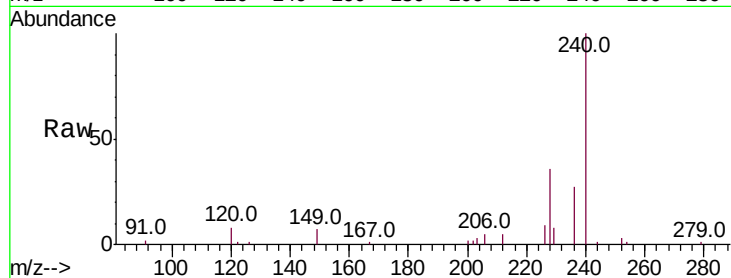
Tot Ion:240 Resp: 12584

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

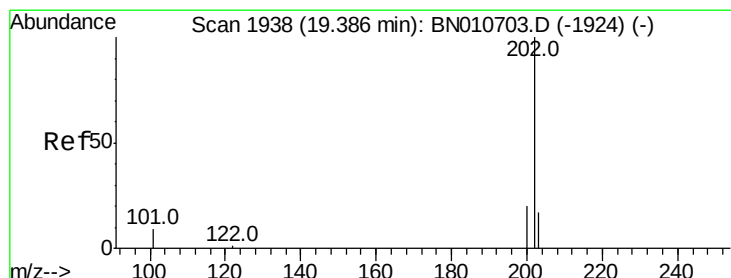
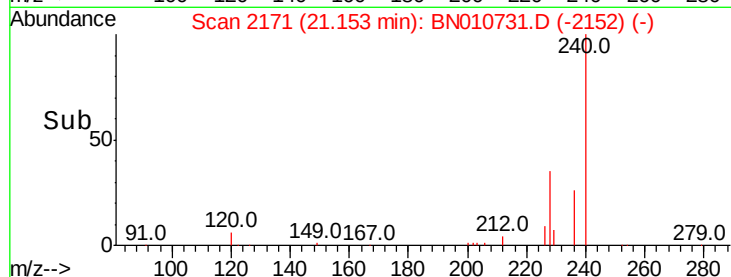
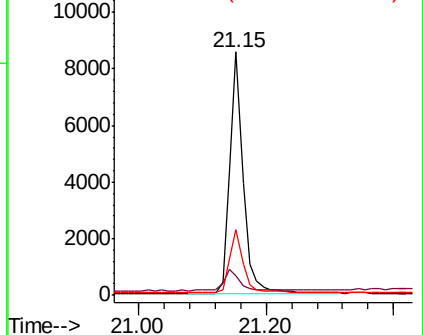
236 26.9 22.5 33.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.400 ng

RT: 19.38 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

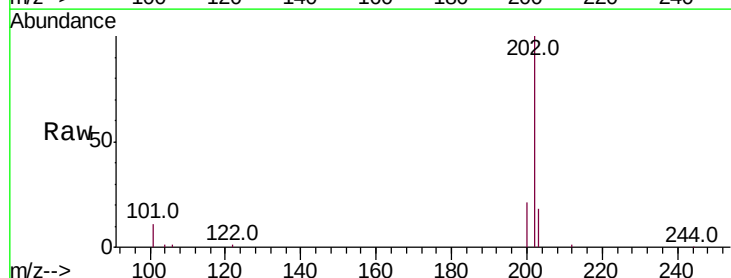
Tgt Ion:202 Resp: 18051

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

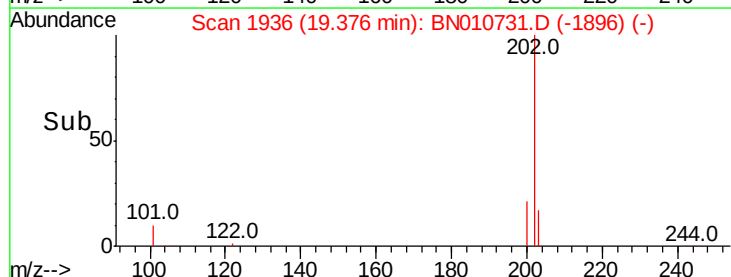
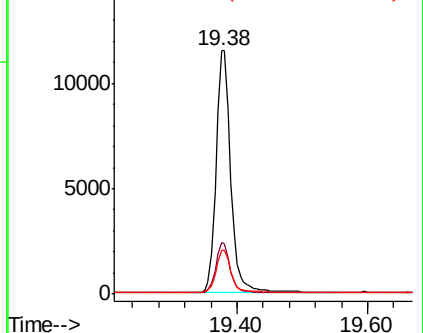
203 17.6 14.1 21.1

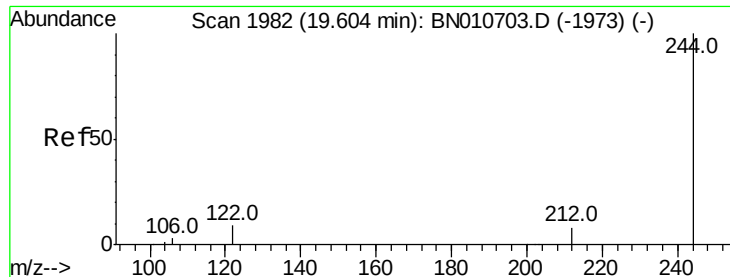


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.60 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

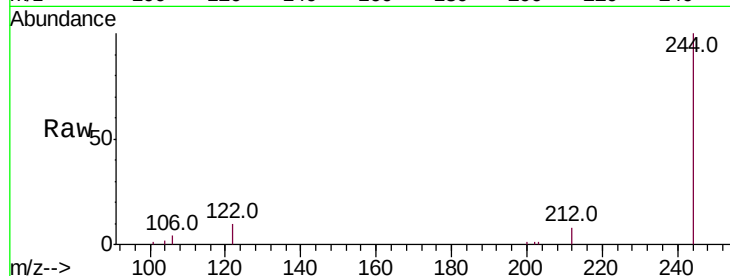
Tot Ion:244 Resp: 12054

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

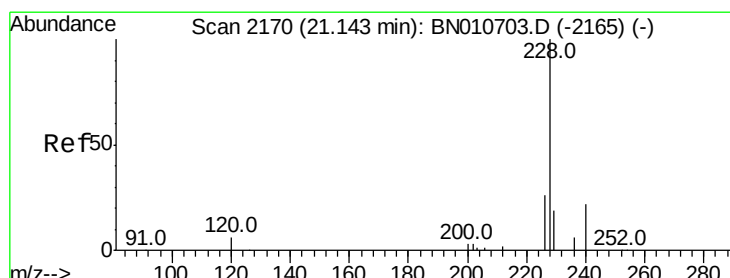
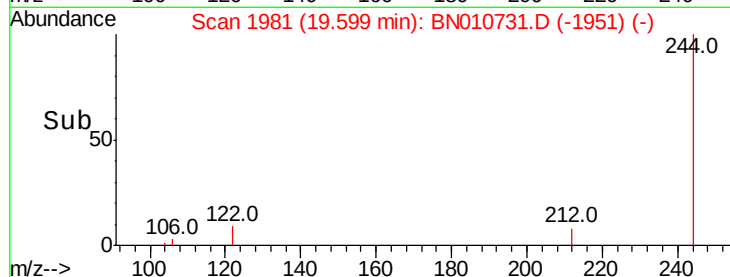
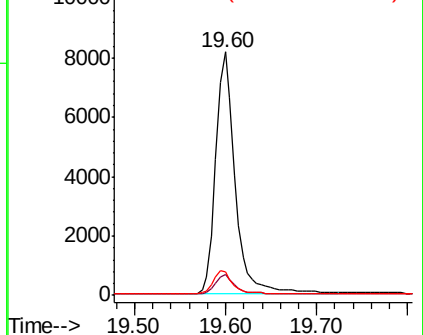
122 9.6 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.381 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

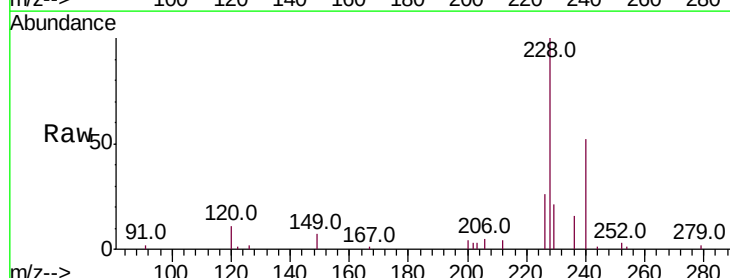
Tgt Ion:228 Resp: 13981

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

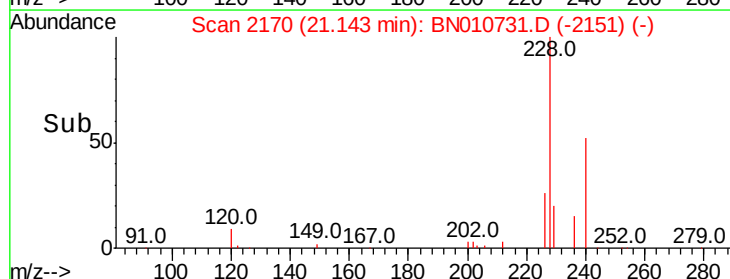
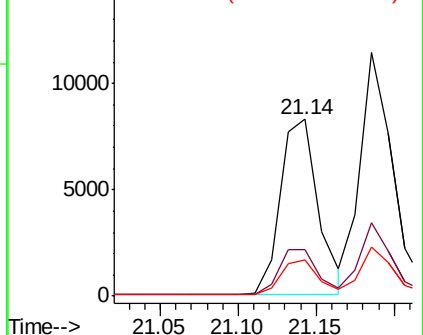
229 20.7 16.0 24.0

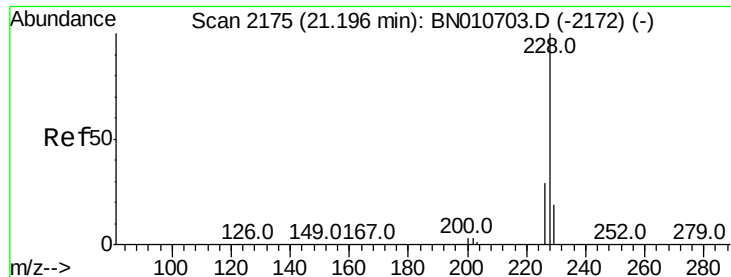


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

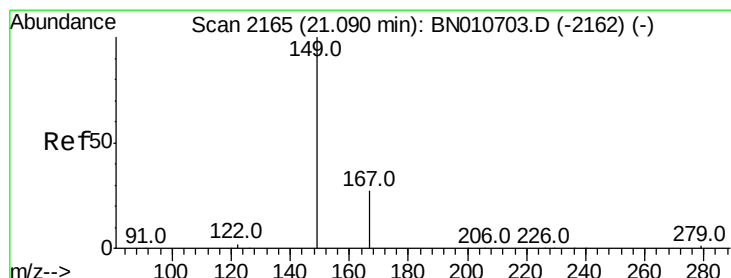
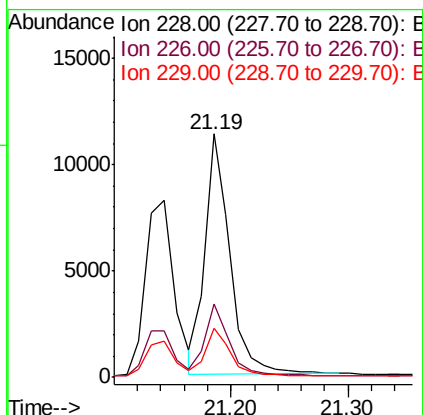
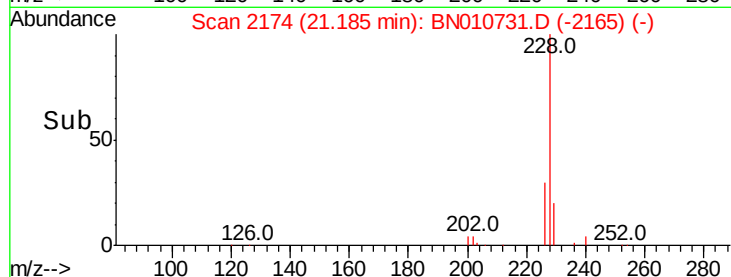
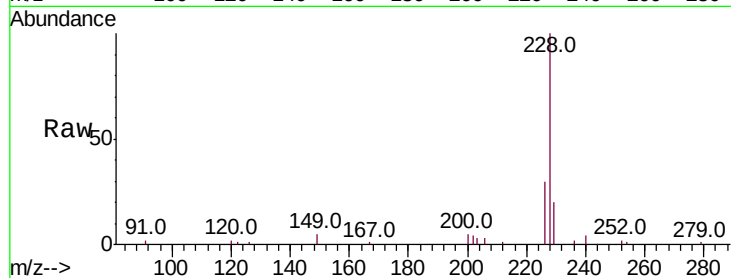
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 16836

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	20.0	16.1	24.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.377 ng

RT: 21.09 min Scan# 2165

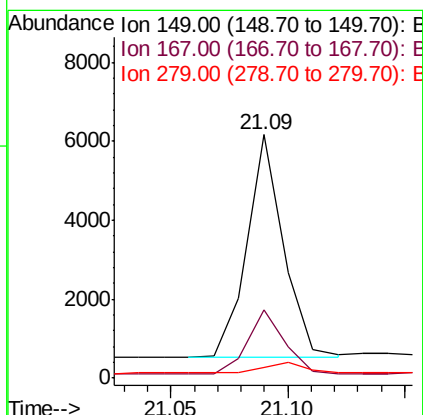
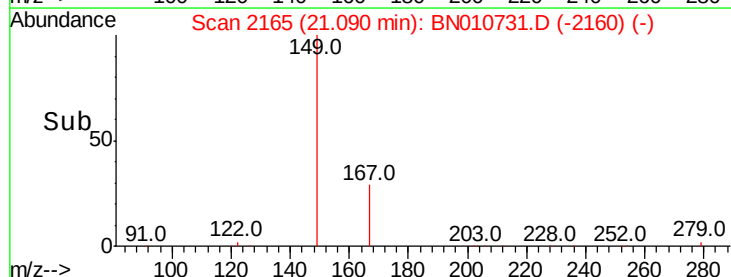
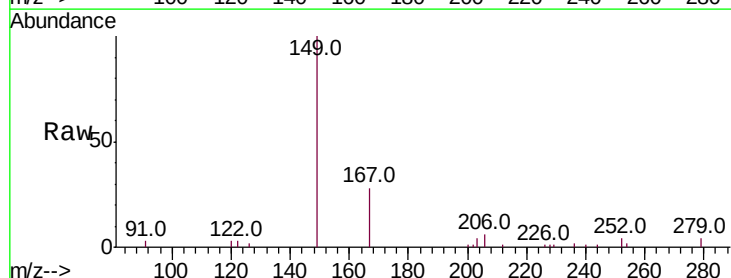
Delta R.T. 0.00 min

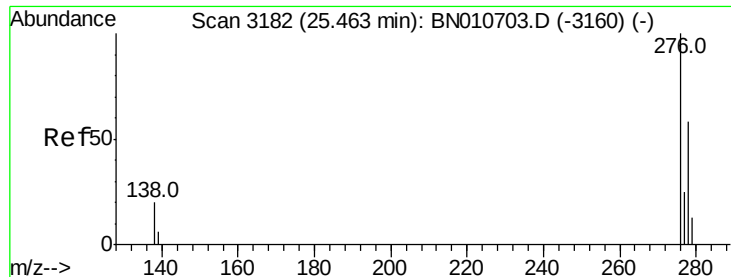
Lab File: BN010731.D

Acq: 21 May 2020 16:21

Tgt Ion:149 Resp: 6062

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.5	33.7
279	4.9	4.1	6.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng

RT: 25.46 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

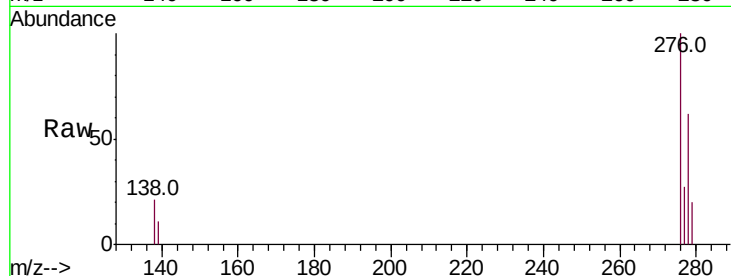
Tot Ion:276 Resp: 13727

Ion Ratio Lower Upper

276 100

138 18.4 15.1 22.7

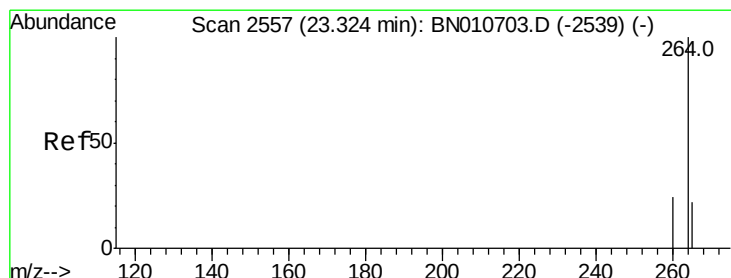
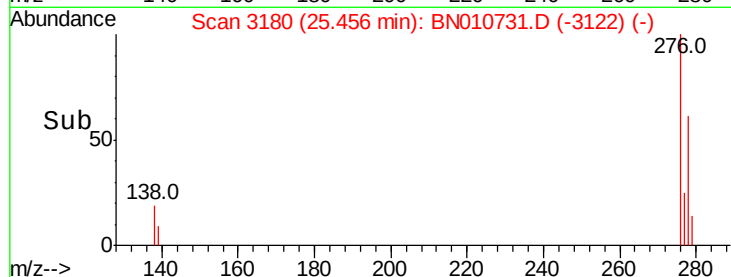
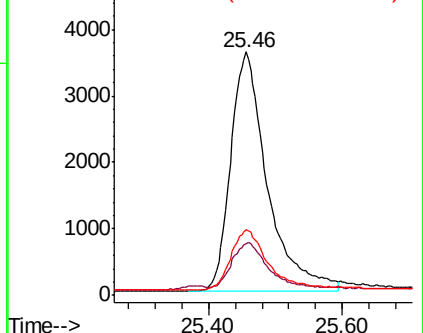
277 25.4 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.32 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

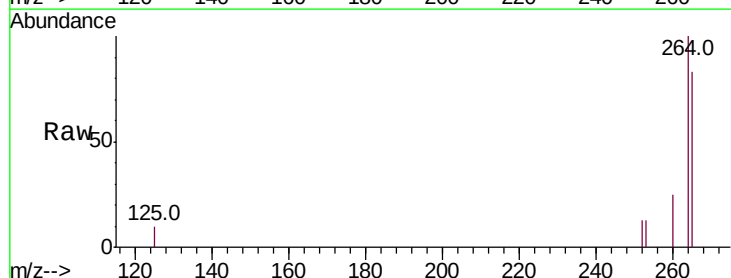
Tgt Ion:264 Resp: 11783

Ion Ratio Lower Upper

264 100

260 25.2 19.6 29.4

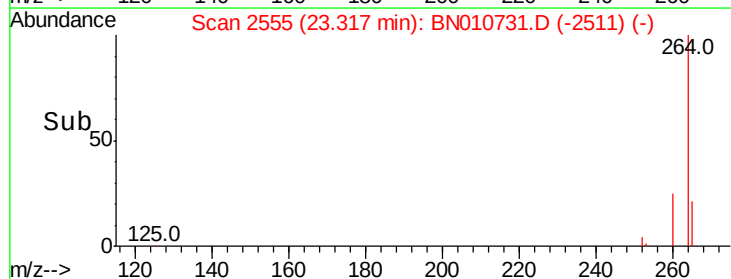
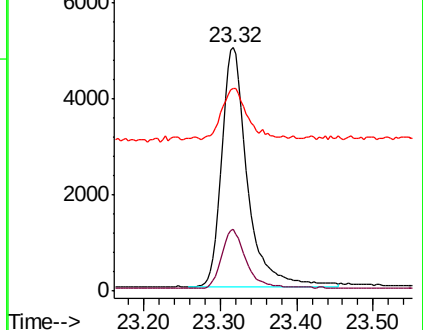
265 83.4 70.1 105.1

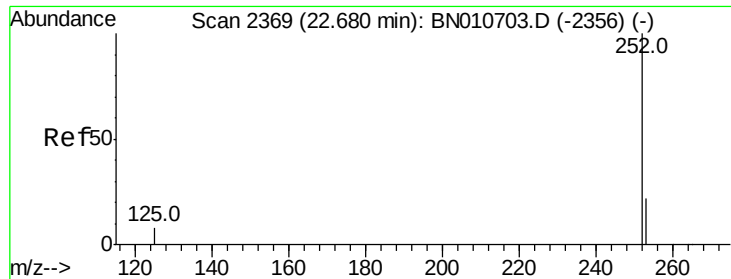


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

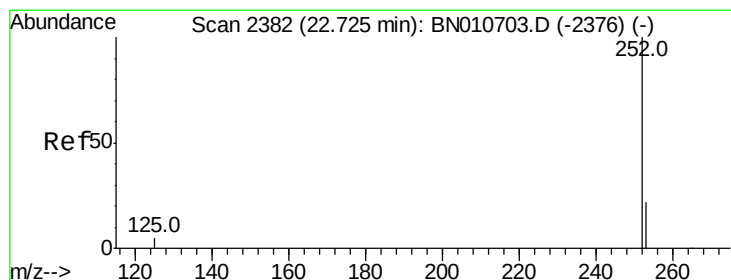
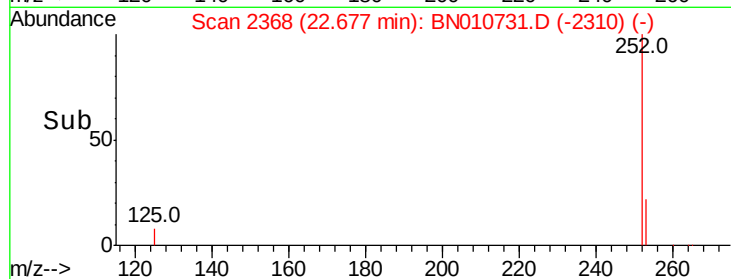
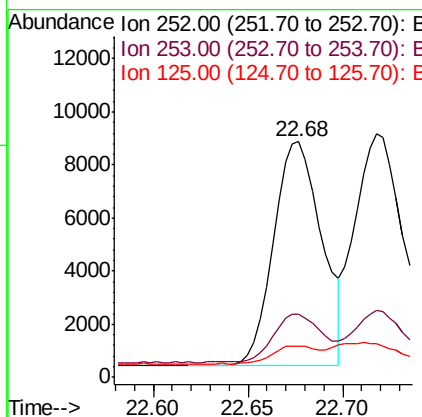
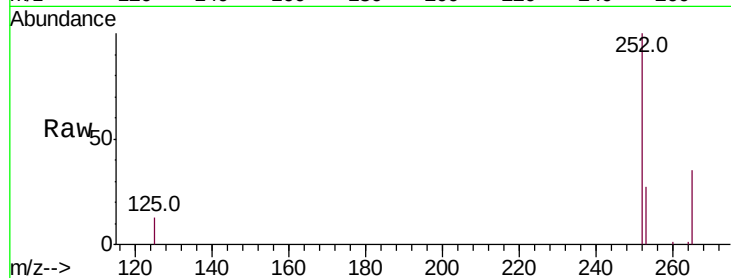




#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.68 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

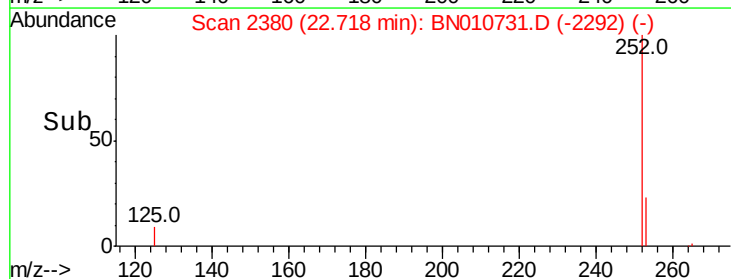
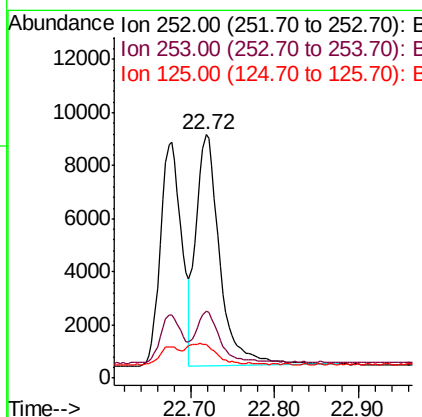
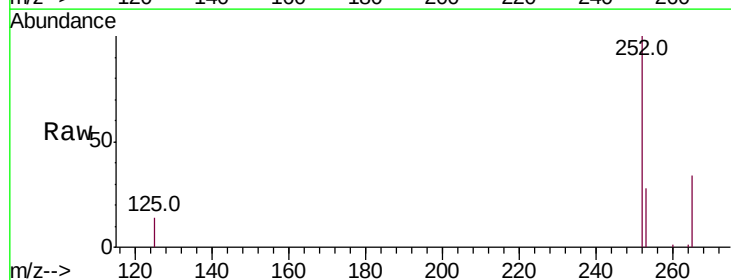
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

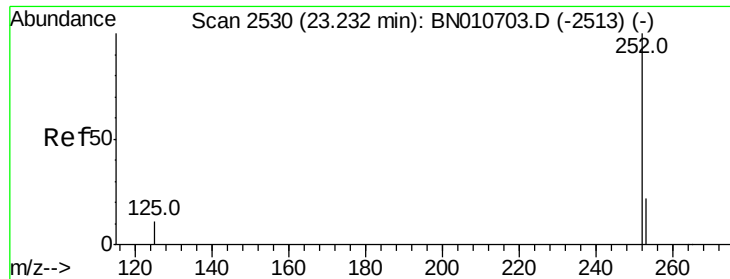
Tot Ion:252 Resp: 14845
Ion Ratio Lower Upper
252 100
253 26.9 22.0 33.0
125 13.4 10.8 16.2



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BN010731.D
Acq: 21 May 2020 16:21

Tgt Ion:252 Resp: 17241
Ion Ratio Lower Upper
252 100
253 27.6 21.9 32.9
125 13.9 11.1 16.7





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.22 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

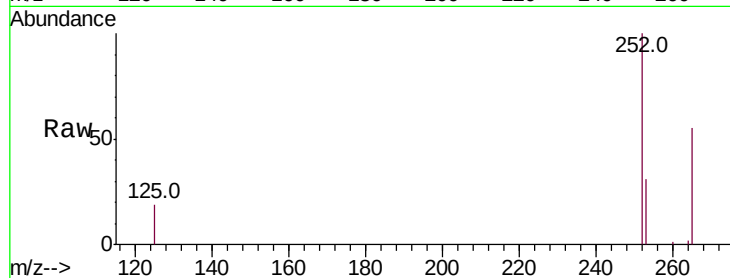
Tot Ion:252 Resp: 13079

Ion Ratio Lower Upper

252 100

253 30.5 24.8 37.2

125 19.4 15.8 23.6

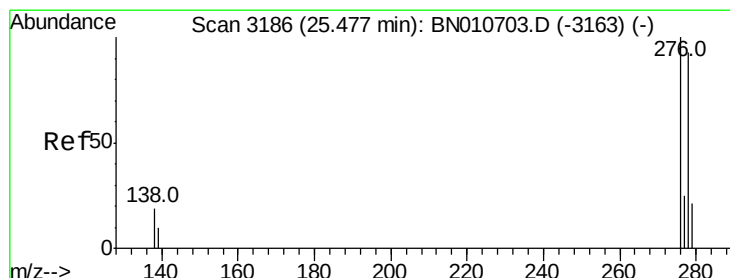
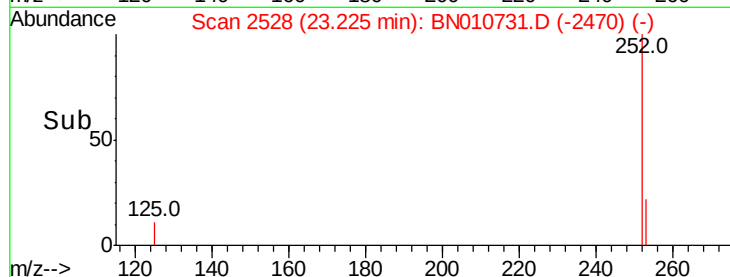
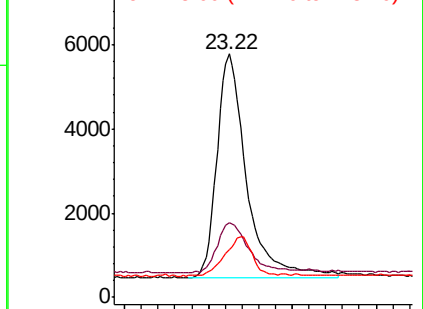


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.369 ng

RT: 25.47 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

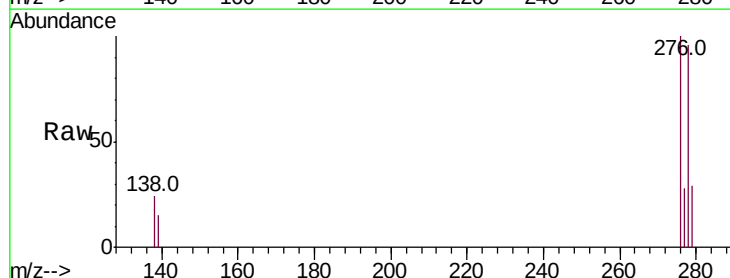
Tgt Ion:278 Resp: 10614

Ion Ratio Lower Upper

278 100

139 15.4 13.0 19.4

279 30.6 25.1 37.7

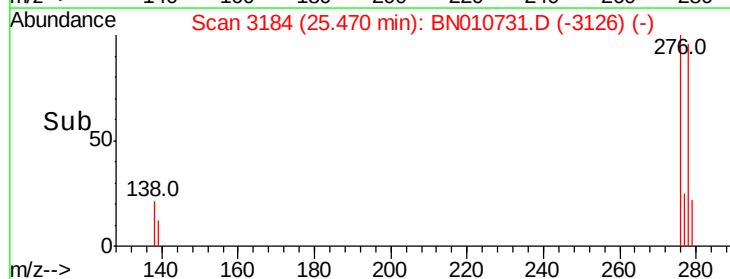
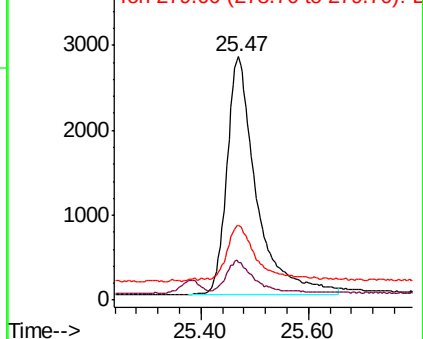


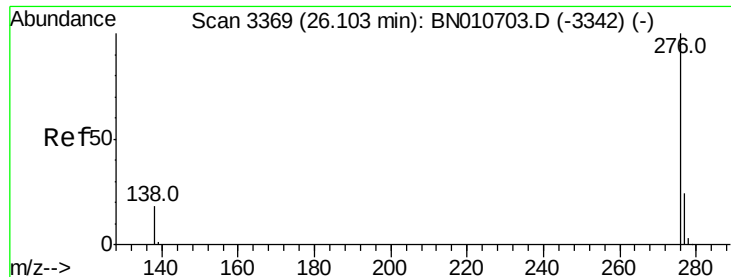
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.380 ng

RT: 26.10 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BN010731.D

Acq: 21 May 2020 16:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

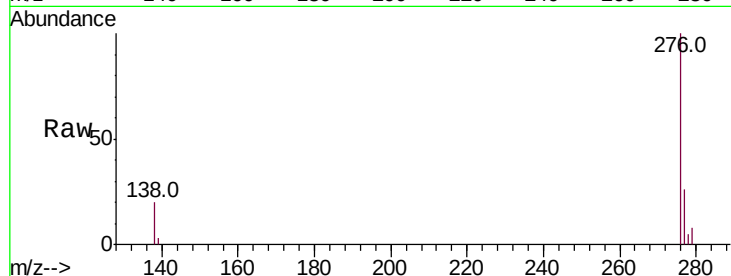
Tot Ion:276 Resp: 12830

Ion Ratio Lower Upper

276 100

277 25.6 20.6 30.8

138 20.1 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

